

Serial No. 09/497,801
Docket No. YOR999-201
YOR.093

AMENDMENTS TO THE CLAIMS:

Please cancel claims 1-7, 21, 25-30, 32, 37-40 and 44 without prejudice or disclaimer and amend the claims as follows:

1-32. (Canceled)

33. (Currently Amended) A method of linking domain knowledge to document knowledge, comprising:

rendering document knowledge as textual components with variable fields;
building an object-oriented domain model comprising domain knowledge, wherein said
building an object-oriented domain model comprises organizing data input by a user into said
domain model;

linking said document knowledge to said domain knowledge, by linking said domain
knowledge to document knowledge variables, said domain knowledge comprising domain
knowledge elements, and said domain knowledge elements are dynamically linked to said
document knowledge variables through an object model access expression; and

re-evaluating the object model access expression of each of said document knowledge
variables whenever the domain model is reorganized,

wherein said document knowledge variables are linked to said domain knowledge
elements by selecting specific properties from the domain model by an object representation and
access language,

wherein said object representation and access language (ORAL) comprises a plurality of
ORAL expressions, and

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~~The method according to claim 32, wherein if a first ORAL expression of said plurality of ORAL expressions comprises a single identifier, then the first ORAL expression corresponds to a domain knowledge element.~~

34. (Currently Amended) A method of linking domain knowledge to document knowledge, comprising:

rendering document knowledge as textual components with variable fields;
building an object-oriented domain model comprising domain knowledge, wherein said
building an object-oriented domain model comprises organizing data input by a user into said
domain model;

linking said document knowledge to said domain knowledge, by linking said domain
knowledge to document knowledge variables, said domain knowledge comprising domain
knowledge elements, and said domain knowledge elements are dynamically linked to said
document knowledge variables through an object model access expression; and

re-evaluating the object model access expression of each of said document knowledge
variables whenever the domain model is reorganized,

wherein said document knowledge variables are linked to said domain knowledge
elements by selecting specific properties from the domain model by an object representation and
access language,

wherein said object representation and access language (ORAL) comprises a plurality of
ORAL expressions, and

~~The method according to claim 32, wherein if a first ORAL expression comprises an~~
~~identifier pre-appended to a second ORAL expression and the second ORAL expression~~

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corresponds to a domain knowledge element, then the identifier corresponds to a property of the domain knowledge element and said first ORAL expression corresponds to the property of the domain knowledge element.

35. (Currently Amended) A method of linking domain knowledge to document knowledge, comprising:

rendering document knowledge as textual components with variable fields;
building an object-oriented domain model comprising domain knowledge, wherein said
building an object-oriented domain model comprises organizing data input by a user into said
domain model;

linking said document knowledge to said domain knowledge, by linking said domain
knowledge to document knowledge variables, said domain knowledge comprising domain
knowledge elements, and said domain knowledge elements are dynamically linked to said
document knowledge variables through an object model access expression; and

re-evaluating the object model access expression of each of said document knowledge
variables whenever the domain model is reorganized,

wherein said document knowledge variables are linked to said domain knowledge
elements by selecting specific properties from the domain model by an object representation and
access language,

wherein said object representation and access language (ORAL) comprises a plurality of
ORAL expressions, and

~~The method according to claim 32, wherein if a first ORAL expression comprises an~~
identifier pre-appended to a second ORAL expression and the second ORAL expression does not

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correspond to a domain knowledge element, then said first ORAL expression does not correspond to anything.

36. (Currently Amended) A method of linking domain knowledge to document knowledge, comprising:

rendering document knowledge as textual components with variable fields;

building an object-oriented domain model comprising domain knowledge, wherein said

building an object-oriented domain model comprises organizing data input by a user into said domain model;

linking said document knowledge to said domain knowledge, by linking said domain knowledge to document knowledge variables, said domain knowledge comprising domain knowledge elements, and said domain knowledge elements are dynamically linked to said document knowledge variables through an object model access expression; and

re-evaluating the object model access expression of each of said document knowledge variables whenever the domain model is reorganized,

wherein said document knowledge variables are linked to said domain knowledge elements by selecting specific properties from the domain model by an object representation and access language,

wherein said object representation and access language (ORAL) comprises a plurality of ORAL expressions, and

The method according to claim 32, wherein if a first ORAL expression comprises an identifier and said identifier does not correspond to a domain knowledge element, then said first ORAL expression does not correspond to anything.

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37-44. (Canceled)